

<p align="center">NATIONAL PHASE UTILITY APPLICATION</p> <p align="center">Transmittal to the (DO/EO/US) Under 35 USC 371</p>	<p>Attorney Docket No.: KCLIM47.002APC First Named Inventor: Hwa Ung LEE Int'l Application No.: PCT/KR2005/003609 Int'l Filing Date: October 28, 2005 Priority Date Claimed: December 7, 2004 Title: THE APPARATUS AND METHOD FOR PREPARING SYNTHESIS GAS BY USING BARRIER DISCHARGE REACTION Express Mail Label No.: EV 365553358 US</p>
<p>Direct all correspondence to Customer No.: 20995 Date: November 29, 2005 Page 1 of 2</p>	

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

- | | |
|------------------|--------------------|
| 1. Hwa Ung LEE | 2. Hyung Keun SONG |
| 3. Jae Wook CHOI | 4. Gi Seok YANG |

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) This application is a U.S. National Phase under 35 USC § 371 of the International Patent Application No.: PCT/KR2005/003609, filed October 28, 2005, which has not been published.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) is attached hereto.
- (X) An English translation of the International Application as filed is attached hereto.
 - (X) PCT Request is enclosed.
 - (X) PCT/RO/105 enclosed.
 - (X) English translation of PCT/RO/105 is enclosed.
- (X) A certified copy of Korean Patent Application No. 10-2004-0102655 is attached hereto.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been made; however, the time limit for making such amendments has NOT expired.
- (X) An Oath or Declaration and Power of Attorney signed by the inventors (35 U.S.C. § 371(c)(4)).

OTHER APPLICATION PARTS:

- (X) Recordation form cover sheet and Assignment in 3 total pages (cover sheet & assignment).
- (X) Return prepaid postcard.

NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371	Attorney Docket No.: KCLIM47.002APC First Named Inventor: Hwa Ung LEE Int'l Application No.: PCT/KR2005/003609 Int'l Filing Date: October 28, 2005 Priority Date Claimed: December 7, 2004 Title: THE APPARATUS AND METHOD FOR PREPARING SYNTHESIS GAS BY USING BARRIER DISCHARGE REACTION Express Mail Label No.: EV 365553358 US
Direct all correspondence to Customer No.: 20995	
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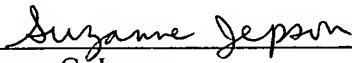
FILING FEES:

FEE CALCULATION			
FEE TYPE & DETERMINATION	LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)	1631 (\$300)		\$300
Search Fee under 1.492(b) (enter one in TOTAL column)			
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1640 (\$ 0)		\$500
(2) USPTO was the ISA (noncompliant claims)	1641 (\$100)		
(3) Foreign Search Report Enclosed	1642 (\$400)		
(4) No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) (enter one in TOTAL column)			
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1643 (\$ 0)		\$200
(2) Non US IPEA or Noncompliant Claims	1633 (\$200)		
Excess Claims	15 - 20 = 0	1615 (\$ 50)	0 x 50 = \$ 0
Excess Ind. Claims	2 - 3 = 0	1614 (\$200)	0 x 200 = \$ 0
Multiple Dep. Claim		1616 (\$360)	\$360
Application Size Fee	26 - 100 = 0	1681 (\$250)	0 x 250 = \$ 0
			TOTAL FEE DUE
			\$1,360
TOTAL FEE PAID (If Different Than Fee Due)			\$1,360

(X) A check in the amount of \$1,360 to cover the above fees is enclosed.

(X) A check in the amount of \$40 to cover the Assignment fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


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IAP9 Rec'd PCT/PTO 29 NOV 2005

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Attorney Docket No. : KCLIM47.002APC
Applicants : Hwa Ung LEE, Hyung Keun SONG,
Jae Wook CHOI, and Gi Seok YANG
For : THE APPARATUS AND METHOD FOR
PREPARING SYNTHESIS GAS BY USING
BARRIER DISCHARGE REACTION
Agent : Suzanne G. Jepson
"Express Mail" Label No. : EV 465553358 US
Date of Deposit : November 29, 2005

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; specification in 22 pages; 4 sheets of drawings; Declaration and Power of Attorney by Inventors in 3 pages; Recordation Form Cover Sheet and Assignment in 3 pages; copy of the International Application as filed; English translation of the International Application as filed; copy of PCT Request; copy of PCT/RO/105; English translation of PCT/RO/105; certified copy of Korean Patent Application No. 10-2004-0102655; checks for filing fees; Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.

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